

Author Index to Volume 22

(The issue number is given in front of the pagination)

- Berry, G.** and **G. Gonthier**, Incremental development of an HDLC entity in Esterel (1) 35-49
- Bolognesi, T., O. Hagsand, D. Latella** and **B. Pehrson**, The definition of a graphical G-LOTOS editor using the meta-tool LOGGIE (1) 61-77
- Bosik, B.S.** and **M.Ü. Uyar**, Finite state machine based formal methods in protocol conformance testing: from theory to implementation (1) 7-33
- Brinksmä, E., G. Scollo** and **C.A. Vissers**, Introduction to the PSTV-IX (1) 1-6
- Bruneel, H.**, Exact derivation of transient behavior for buffers with random output interruptions (4) 277-285
- Chang, C.-J., J.-W. Wong** and **J.-H. Chiu**, A simulation study on the service strategies for packet voice communication networks (3) 225-232
- Chiu, J.-H.**, *see* **Chang, C.-J.** (3) 225-232
- Chung, P.** and **A.K. Elhakeem**, A bandwidth reducing token ring (4) 287-302
- Elhakeem, A.K.**, *see* **Chung, P.** (4) 287-302
- Estrin, D.** and **G. Tsudik**, Secure control of transit internetwork traffic (5) 363-382
- Estrin, D.**, Policy requirements for Inter-Administrative Domain Routing (3) 179-192
- Farber, D.J.**, *see* **Smith, J.M.** (2) 143-154
- Gonthier, G.**, *see* **Berry, G.** (1) 35-49
- Gunningberg, P.**, *see* **Murphy, S.C.** (1) 51-59
- Hagsand, O.**, *see* **Bolognesi, T.** (1) 61-77
- Heinzmann, P.** and **H. Rudin**, Guest editorial (2) 83-85
- Hibbard, W., D. Santek** and **G. Tripoli**, Interactive atmospheric data access via high-speed networks (2) 103-109
- Janson, P.** and **R. Molva**, Security in open networks and distributed systems (5) 323-346
- Jin, S., D.R. Vaman** and **D. Sinha**, A performance management framework to provide bounded packet delay and variance in packet switched networks (4) 249-264
- Johnson, M.J.**, Coping with data from Space Station Freedom (2) 131-142
- Kaniyil, J.**, *see* **Wang, X.** (3) 213-224
- Kelly, J.P.J.**, *see* **Murphy, S.C.** (1) 51-59
- Latella, D.**, *see* **Bolognesi, T.** (1) 61-77
- Lee, D.Y.** and **J.Y. Lee**, Performance comparison of bridge algorithms in interconnected local area networks (4) 265-276
- Lee, J.Y.**, *see* **Lee, D.Y.** (4) 265-276
- Molva, R.**, *see* **Janson, P.** (5) 323-346
- Moschonas, C.A.**, *see* **Vasilakos, A.V.** (4) 235-248
- Murphy, S.C., P. Gunningberg** and **J.P.J. Kelly**, Experiences with Estelle, LOTOS and SDL: a protocol implementation experiment (1) 51-59
- Ngoh, L.H.**, Multicast support for group communications (3) 165-178
- Noguchi, S.**, *see* **Wang, X.** (3) 213-224
- Onozato, Y.**, *see* **Wang, X.** (3) 213-224
- Paximadis, C.T.**, *see* **Vasilakos, A.V.** (4) 235-248
- Pehrson, B.**, *see* **Bolognesi, T.** (1) 61-77
- Piguet, P.**, Storage and retrieval of documentation at the United Nations (2) 87-102
- Reynolds, J.K.**, The helminthiasis of the Internet (5) 347-361
- Rudin, H.**, Guest editorial (5) 321
- Rudin, H.**, *see* **Heinzmann, P.** (2) 83-85
- Santek, D.**, *see* **Hibbard, W.** (2) 103-109
- Scollo, G.**, *see* **Brinksmä, E.** (1) 1-6
- Sincoskie, W.D.**, System architecture for a large scale video on demand service (2) 155-162
- Sinha, D.**, *see* **Jin, S.** (4) 249-264
- Smith, J.M.** and **D.J. Farber**, Traffic characteristics of a distributed memory system (2) 143-154
- Takagi, H.**, Application of polling models to computer networks (3) 193-211
- Tripoli, G.**, *see* **Hibbard, W.** (2) 103-109
- Tsudik, G.**, *see* **Estrin, D.** (5) 363-382
- Uyar, M.Ü.**, *see* **Bosik, B.S.** (1) 7-33
- Vaman, D.R.**, *see* **Jin, S.** (4) 249-264
- Van Dijk, N.M.**, Product forms for random access schemes (4) 303-317
- Vasilakos, A.V., C.A. Moschonas** and **C.T. Paximadis**, Variable window flow control and ergodic discretized learning algorithms for adaptive routing in data networks (4) 235-248

Vaziri, A., Scientific visualization in high-speed network environments

Visser, C.A., see Brinkma, E.

(2) 111-129

(1) 1-6

Wang, X., J. Kaniyil, Y. Onozato and S.

Noguchi, Heterogeneous ALOHA networks: a sufficient condition for all equilibrium states to be stable

(3) 213-224

Wong, J.-W., see Chang, C.-J.

(3) 225-232

Subject Index to Volume 22

Abstract syntax	61	Fault-tolerance	51
Ada	51	File transfer	347
Adaptive routing	235	First-packet-first-priority service strategy	225
ALOHA/BTMA/CSMA	303	Flow control	235
Analytical solution	277	Formal description techniques	61
Applications	83	Formal protocol specification	51
ATM	155		
Attribute grammars	61	Graphical support for software development	61
Authentication	323	Group communication	165
Automata	35		
		HDLC	35
B-ISDN	155	Heterogeneous network	213
Broadcasting	303	High-speed networks	83, 131
Characterizing sequences	7		
Chinese postman problem	7	Insensitivity	303
Communication	35	Integrity	323
Compiling techniques	35	Interactivity	103
Complete timing information reassembly scheme	225	Inter-domain routing	179
Complex analysis	277	Internet	347
Computational fluid dynamics	111	Internetworking	179
Computer graphics	111	Invariance condition	303
Computer networks	87, 143, 193	ISO conformance testing standard	7
Concurrent languages	61		
Confidentiality	323	Key management	323
Control of internetwork traffic	363		
Coordinate convex interference	303	Language-based environments	61
Cost of secure protocols	363	Local area network	265
Cryptography	323		
		Mandatory access controls	323
Data-handling requirements	131	MAC bridge	265
Data integrity	363	M-ary duobinary	287
Data networks	235	M-ary PAM	287
DES	323	Maximum-delay-first-serve service strategy	225
Design of secure protocols	363	M-matrix	213
Discrete-time queueing systems	277	Modularity	35
Discretionary access controls	323	Multicast	155, 165
Discretized learning algorithms	235	Multimedia	165
Distinguishing sequences	7	Multimedia services	249
Distributed computation	143	Multiple queues	193
Distributed memory	143		
Distributed system security	323	NASA	131
Distributed visualization	111	Network access control	323
Documentation	87	Networking	103, 143
Duobinary signalling	287	Network management	179
		Network requirements	83
"Early" and "Non-Early" token release	287	Network resource management	363
Earth science	103	Networks	83
Electronic mail	347	Network security	179, 323
Enforcement of network policies	363	Network security threats	363
Equilibrium states	213	Null timing information reassembly scheme	225
Esterel	35	Numerical flow visualization	111
		Open systems interconnection	61
		Optical disk storage	87

OSI	265	Space networking	131
OSI abstract test methods	7	Space Station Freedom	131
OSI protocols	7	Spanning tree	265
		Specification	35
Packet/circuit switching	303	Specification languages	61
Packet switched network	249	Structural stability	213
Packet voice communication network	225	Supercomputer networks	111
Partial response signalling	287	Synchrony	35
Performance evaluation	193		
Performance management	249	TCP/IP	347
Polling models	193	Testing	51
Polling networks	193	Token passing networks	193
Product form	303	Token ring	287
Program development	35	Traffic	83
Protocol	35	Traffic characteristics	143
Protocol architecture	165	Transient analysis	277
Protocol conformance testing	7	Transition tours	7
Protocol implementation	51	Twisted pair	287
Protocol model	165		
		Unicast	165
Random access schemes	303	Unique input/output sequences (UIOs)	7
Reactive systems	35		
RSA	323	Video-on-demand	155
Rural Chinese postman problem	7	Virus	347
		Visualization	103
Scientific visualization	111	Visualization environments	111
Single sign-on	323	Visual languages	61
Slotted ALOHA	213	Volume rendering	111
Source routing	265		
Space communications	131	Worm	347

